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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/747,675	12/30/2003	Scott K. Brown	06975-379001 / AOL 139	2909

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EXAMINER
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LEE, CHUN KUAN

ART UNIT	PAPER NUMBER
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2181

DATE MAILED: 05/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/747,675	Applicant(s) BROWN ET AL.	
	Examiner Chun-Kuan (Mike) Lee	Art Unit 2181	

**- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 13 March 2006.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-33 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

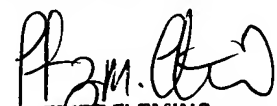
**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 December 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

  
**FRITZ FLEMING**  
**PRIMARY EXAMINER**  
**GROUP 2100**  
5/24

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

*Supervisory*

## **DETAILED ACTION**

### ***Response to Arguments***

1. Applicant's arguments with respect to claims 1-33 have been considered but are moot in view of the new ground(s) of rejection. Claims 32-33 are added and currently claims 1-33 are pending for examination

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claims 19-31 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. It is unclear as to how the claimed invention can be a system, as the claim limitations appear to comprise of just code segments, because a system usually comprises a plurality of elements inclusive of "hardware," therefore the system claimed need more than just code segments, as it appears to be claimed by the applicant.

***Claim Rejections - 35 USC § 101***

35 U.S.C. 101 reads as follows:

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

3. Claims 19-31 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter, as the claimed invention appears to be claiming a program code.

As per claim 19, it appears that the applicant's system comprise of only code segments, as there is no physical claimed elements such as a processor or a CPU for the processing of the claimed code segments. Thus, the claims are directed to non-statutory subject matter.

As per claims 20-30, as claim limitations in the dependent claims 18-30 does not appear to comprise any physical elements, therefore claims 20-30 are rejected due to direct or indirect dependency on the rejected independent claim 19.

As per claim 31, it appears the system claimed is similar to the independent claim 19, therefore, it appears the claimed system of independent claim 31 comprises of only code segments as well.

***Claim Rejections - 35 USC § 102***

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1, 5-9, 11, 14-21, 23 and 26-33 are rejected under 35 U.S.C. 102(b) as being anticipated by Monteiro et al. (US Patent 6,119,163).

5. As per claims 1, 19 and 31, Monteiro teaches a method and a system of enabling access to electronic media comprising:

means for accessing a first track of electronic media from a source (Fig. 1, ref. 10, 20, 30, 50, 60) (Fig. 8B), wherein after proper connection setup, the user accesses the first track from the source's media server (Fig. 1, ref. 30) as audio packets are transferred to the user to be played;

means for accessing a rule set from the source, the rule set being configured to respond to an arising condition (conditions comprising deterioration of the situation associated with packet loss and network congestion) based on whether the arising condition is met after the first track of electronic media been accessed (col. 7, ll. 21-30), the rule set including:

an event definition describing an event condition to be monitored during a current media state (col. 7, ll. 21-30), wherein the system monitors event condition comprising the deterioration of the situation associated with packet loss and network congestion while audio packets is been transferred to the user;

an event transition that relates the event definition to a new media state to enable the new media to be realized upon detecting the event condition described with respect

to the event definition (col. 7, ll. 21-30), wherein the new media state is the transferring of the audio packet at the lower bitrate, to be implemented upon detecting the deterioration of the situation associated with packet loss and network congestion such as the increase in packet loss or the network becoming congested;

means for detecting that the event condition described with respect to the event definition in the rule set has occurred (col. 7, ll. 21-30), wherein the detection is implemented as the system monitors the event condition and adapt to the occurrence of the event condition accordingly; and

means for performing the event transition in response to detecting occurrence of the event condition (col. 7, ll. 21-30), wherein the event transition is implemented as the system adapt to the occurrence of the event condition, such as lowering the audio's bitrate to be transferred to the user.

6. As per claim 5, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein performing the event transition includes accessing a second track, the second track relating to the new media state described in the event transition (col. 7, ll. 21-30), wherein the second track relate to the new media state of the transferring of the first track at the lower bitrate, resulting from the event condition associated with the deterioration of the situation associated with packet loss and network congestion.

7. As per claim 6, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein accessing the second track includes accessing an instantiation of the first track encoded at a different bit rate (col. 7, ll. 21-30), wherein the second track is the transferring of the first track at the lower bitrate.

8. As per claim 7, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein accessing the first track includes referencing a location for the electronic media (program guide (upper right corner) of Fig. 18), wherein accessing the first track comprising playing "Smashing Pumpkins Live!" include referencing a location for the electronic media comprising "From La Cigale in Paris".

9. As per claims 8 and 20, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein accessing the rule set with the event definition includes accessing a code segment describing a media player event (event comprising the insertion of the advertising stream) for a media player (Fig. 18) accessing the electronic media (electronic media comprising the first track of audio) that was not configured to process prior to accessing the rule set (col. 8, ll. 16-30), wherein the media player playing the audio is not configured to insert the advertising stream without the delivery of the advertising stream in advance of the regular programming.

10. As per claims 9 and 21, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein accessing the rule set with the event

definition and performing the event transition include accessing the event definition that relates to an interrupt in a network service while accessing the first track, and responding to the network interrupt in response (col. 8, ll. 16-30), wherein the interrupt in the network service in streaming of the regular programming resulting from the reception of the cueing signal and in response, the advertising stream is inserted into the stream of regular programming.

11. As per claims 11 and 23, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein accessing the rule set with the event definition and performing the event transition include accessing an event condition within the event definition that describes a playlist that is used to select content, and using the playlist to select content (Fig. 18 and col. 17, ll. 24-27), wherein the playlist is the list of channels displayed in the upper left frame, in the channel guide, utilized for selecting the content.

12. As per claims 14 and 26, Monteiro teaches the method and the system of enabling access to electronic media further comprising accessing an event condition within the rule set that relates to a commonly used across a type of media, using the event definition when the type of media is being used, and performing the event transition when the event associated with the type of media occurs for the media being used (col. 7, ll. 21-30), wherein the rule set, associated with the lowering of data bitrate, is commonly utilized across the audio type media.



13. As per claims 15 and 27, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein accessing an event condition related to the type of media, using the event definition, and performing the event transition include using a rule set that relates to video, audio, or data visualization (col. 4, ll. 15-21).

14. As per claims 16 and 28, Monteiro teaches the method and the system of enabling access to electronic media further comprising accessing an event condition that is commonly used across a particular class of content or a theme (audio data of various classification comprising classic rock, college rock, cool jazz, etc), using the event definition when the particular class of content or the theme is being used, and performing the event transition when the event associated with the type of particular class of content or the theme occurs (upper left corner of Fig. 18 and col. 7, ll. 21-30), wherein the event condition associated with the deterioration of the situation associated with packet loss and network congestion is commonly apply across the particular classification of audio data.

15. As per claims 17 and 29, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein detecting that the event in the rule set has occurred includes determining that access to the first track has been interrupted (col. 15, ll. 10-16), wherein the interrupting is determined by utilizing Ping

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Objects, as the Ping Objects are sent to and return from the user periodically to verify that the computer is working and active and if Ping Object is not returned, interrupt is determined.

16. As per claims 18 and 30, Monteiro teaches the method and the system of enabling access to electronic media further comprising wherein detecting that the event in the rule set has occurred includes receiving state information (Version Object) from a communications interface (Fig. 8B; col. 11, ll. 28-32 and col. 12, ll. 1-15), wherein prior to the user accessing the audio the state information comprising the version of protocol is received through the communication interface.

17. As per claims 32, Monteiro teaches the method and the system of enabling access to electronic media comprising wherein the source include a first server structure (Fig. 1, ref. 10, 20, 30, 50, 60) and arrange to:

enable access to the first track (Fig. 1, ref. 30), wherein the audio (first track) can be accessed through media server (Fig. 8B); and

enable access to the rule set (Fig. 2, ref. 150 and col. 4, ll. 38-49), wherein the rule set associated with the insertion of the advertising stream is accessed (col. 8, ll. 1-30).

18. As per claims 33, Monteiro teaches the method and the system of enabling access to electronic media comprising:

wherein the source include a first server (media server 30 of Fig. 1) structured and arranged to enable access to the first track (Fig. 8B), wherein the audio (first track) can be accessed through media server,

and a second server (supervisory workstation 150 of Fig. 2) structured and arranged to enable access to the rule set (col. 4, ll. 38-49), wherein the rule set associated with the insertion of advertising stream (stream of commercial advertising) (col. 8, ll. 1-30) is control and manage by the supervisory workstation.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

19. Claims 2-3, 10, 13, 22 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Monteiro et al. (US Patent 6,119,163) in view of Marks et al. (US Pub. 2001/0053944).

Monteiro teaches all the limitations of claims 1, 8 and 20 as discussed above. Monteiro further teaches the method and the system of enabling access to electronic media comprising information associated with availability of channels are dynamically updated, such that if a new channel begins operation, the user software can immediately display it as being available (col. 17, ll. 36-41).

Monteiro does expressly teach the method and the system of enabling access to electronic media comprising:

wherein accessing the rule set includes downloading a rule set from a host;

wherein a media player is invoked before downloading the rule set; and

wherein accessing the rule set with the event definition and performing the event transition include accessing the event definition that relates to an availability of a prioritized media selection that is now available and notifying the user as to the availability of the prioritized media selection and

wherein accessing the rule set with the event definition and performing the event transition include accessing an event condition within the event definition that enables an emergency broadcast system to interrupt the first track, and switching to a transmission of the emergency broadcast system.

Marks teaches a audio internet navigation system comprising:

selecting the link on the player (Fig. 1) which causes the band to switch, wherein the new band will provide the rule set comprising the event condition associated with when there is an announcement of promotion and the event transition comprising asserting the announcement of promotion if the listener is not a subscriber and not asserting the announcement of promotion if the listener is a subscriber, therefore the associated rule set is listener specific, and the provider (host) must decipher if the newly linked listener is a subscriber or not and in order to properly provide (provide through downloading) the listener the correct rule set ([0039]); and

a priority function, wherein the user prioritizing certain selected electronic media, as the user may select and set the electronic media with the priority of urgent and when the urgent electronic media become available, the user is notified of the availability of the urgent electronic media immediately, as the playing of the current electronic media is interrupt and the urgent electronic media commence to be played ([0096]).

It would have been obvious to one of ordinary skill in this art, at the time of invention was made to include Marks' downloading of the listener specific rule set and priority function into Monteiro's accessing of the electronic media. The resulting combination of the references teaches the user is running the media player and listening to an audio channel, and when the user switches to a new audio channel the rule set associated with the announcement of promotions will be downloaded as the provider provides the correct rule set to the user, depending on if the user is a subscriber or not; and

the user further is able to select and prioritized certain electronic media, such as setting the electronic media with the urgent (emergency) priority and when the urgent electronic media becomes available, the user is notified that the urgent electronic media is available, as the urgent electronic media interrupts the playing of the current media and the urgent electronic media commence to be played.

Therefore, it would have been obvious to combine Marks with Monteiro for the benefit of expanding the settings preferences available to the user's player as the user can select the allowance of the announcement of promotions or not and prioritize what will be played utilizing six priority levels (Marks, [0039], [0096]).

20. Claims 4, 12 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over Monteiro et al. (US Patent 6,119,163) in view Rowlands (US Pub. 2002/0083346).

Monteiro teaches all the limitations of claims 1, 8 and 20 as discussed above.

Monteiro does expressly teach the method and the system of enabling access to electronic media comprising:

wherein accessing the first track requires accessing the rule set before the content is rendered; and

wherein accessing the rule set with the event definition and performing the event transition include accessing an event condition within the event definition that describes a licensing restriction and selecting content that complies with the licensing restriction.

Rowlands teaches a system and a method comprising:

a ticket T utilized for proving authorization have been obtained by a user to play a musical data ([0030]); and

the user providing the ticket T to a sender for verification of the ticket T and when the sender verifies that the ticket T is valid, the sender transmits the requested musical data to the user ([0035]-[0037]).

It would have been obvious to one of ordinary skill in this art, at the time of invention was made to include Rowlands' ticket T into Monteiro's accessing of the electronic media. The resulting combination of the references teaches the rule set further comprising wherein the event definition describes the verification of the ticket T and enabling the user to select the electronic media that complied with the verified ticket

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T, and furthermore, the verification of the ticket T must be implemented before the electronic media associated with the ticket T can be played.

Therefore, it would have been obvious to combine Rowlands with Monteiro for the benefit of protecting the right and interest of copyright holders associated with the musical data as the musical data is transferred from the source to the user ([0003]-[0004]).

### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chun-Kuan (Mike) Lee whose telephone number is (571) 272-0671. The examiner can normally be reached on 8AM to 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Fritz M. Fleming can be reached on (571) 272-4145. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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